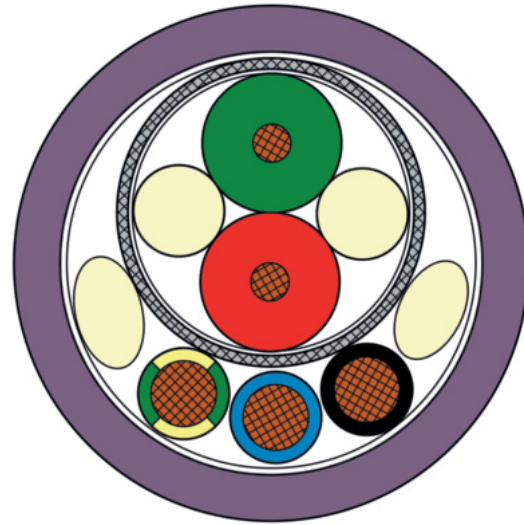
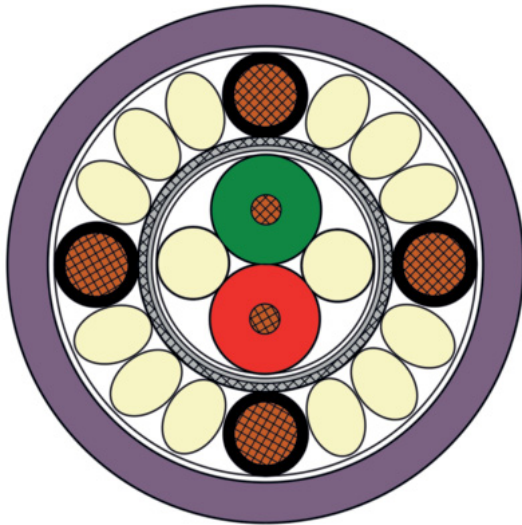


# Hybrid and Special Cables

## Example: Profibus-DP cable

halogen-free Profibus-DP cable with valve control for use in cable tracks resp.

halogen-free Profibus-DP cable with separate current supply for use in cable tracks



### Construction:

<b>Conductor:</b>	bare copper strands, fine wires
<b>Insulation:</b>	0,34 mm <sup>2</sup> : cellular PE 1,00 mm <sup>2</sup> /1,50 mm <sup>2</sup> : TPE
<b>Stranding:</b>	Profibus twisted pairwise, pairs and conductors twisted in layers
<b>Screen Profibus:</b>	tinned copper braiding
<b>Sheath material:</b>	TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Sheath colour:</b>	redlilac (RAL 4001)
<b>Marking item no. 06349010:</b>	SAB BRÖCKSKES · D-VIERSEN · S PB 634 2 x 0,34 mm <sup>2</sup> + 4 x 1,5 mm <sup>2</sup> CE
<b>Marking item no. 06349015:</b>	SAB BRÖCKSKES · D-VIERSEN · S PB 634 2 x 0,34 mm <sup>2</sup> + 3 x 1,0 mm <sup>2</sup> CE

### Technical Data:

<b>Peak operating voltage:</b>	<b>item no. 06349010:</b> 100 Veff. <b>item no. 06349015:</b> max. 350 V
<b>Testing voltage:</b>	core/core 1500 V core/screen 1000 V
<b>Min. bending radius flexible application:</b>	12 x d
<b>Temperature range fixed laying: flexible application:</b>	-40/+80 °C -40/+80 °C
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1
<b>Oil resistance:</b>	TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Characteristic impedance:</b>	acc. to EN 50289-1-11 at 3-20 MHz: 150 Ω ± 15 Ω
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	no. of conductors	nominal cross-section mm <sup>2</sup>	max. outer-ø mm	copper figure kg/km	cable weight ≈ kg/km	ohmic resistance at 20 °C max. Ω/km
06349010	2	0,34	12,0	78,8	165	55,0
	4	1,50				13,3

item no.	no. of conductors	nominal cross-section mm <sup>2</sup>	max. outer-ø mm	copper figure kg/km	cable weight ≈ kg/km	ohmic resistance at 20 °C max. Ω/km
06349015	2	0,34	10,6	48,1	102	55,0
	3	1,00				19,5